

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION V

NOV 20 1981

DATE:

SUBJECT: United States Steel Corporation - Goa- Works

FROM: J.E. McDermott
Engineering Unit I



TO: Gary A. Amendola, Chief
Field Investigation Section

For the drafting of the Gary Works NPDES Permit, I am in need of effluent limitations for the outfalls discharging process waters. It would be appreciated, if you would prepare such limitations based on the revised guidelines that may be promulgated in January 1982.

For your use in determining the effluent limitations, I have prepared the attached tabulation showing subcategory daily production rates by outfall.

Attachment

cc: I. Dzikowski

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USC - Iron Works - Effluent Loading Limitations
Production facilities and rates by outfalls.

Pickling Strip (HCL - Scrubber)	14084 T/D	Terminal Treat.
Stain Steel (HF-HCL Scrubber)	444 T/D	Terminal Treat.
Cold Rolling (Rein.)	11,901 T/D	Terminal Treat.
Direct	1,589 T/D	Terminal Treat.
Alkali Cleaning	3,651 T/D	Terminal Treat.
Zinc (Electro)	2,315 T/D	Terminal Treat.
Zinc Free Steel (Electro)	643 T/D	Terminal Treat.
Galvanizing (Hot dip)	1360 T/D	Terminal Treat.
Galvanizing (Electro)	1487 T/D	Terminal Treat.
Hot forming Strip	15831 T/D	039

J. E. McDERMOTT
11/18/81

USSC - Dany Works - Effluent Loading Limitations.
Production facilities and rates by outfall

Facility	Prod. Rate	Outfall
Dubing Speculles (Hot Forming)	1242 T/D.	002
Pickling (Batch H_2SO_4 , No scrubber)	250 T/D	002
Blat Furnace (Iron)	^{18, 145} 22,167 T/D	017
Continuous Casting	5,164 T/D	020
Steel Production Hot Forming	25,203 T/D	028 & 030
Primary	28,619 T/D	028 & 030
Section	7,058 T/D	028 & 030
Plate	3,988 T/D	028 & 030
Pickling (Batch, H_2SO_4)		028 & 030
(No scrubber)		028 & 030